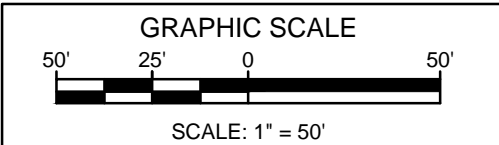
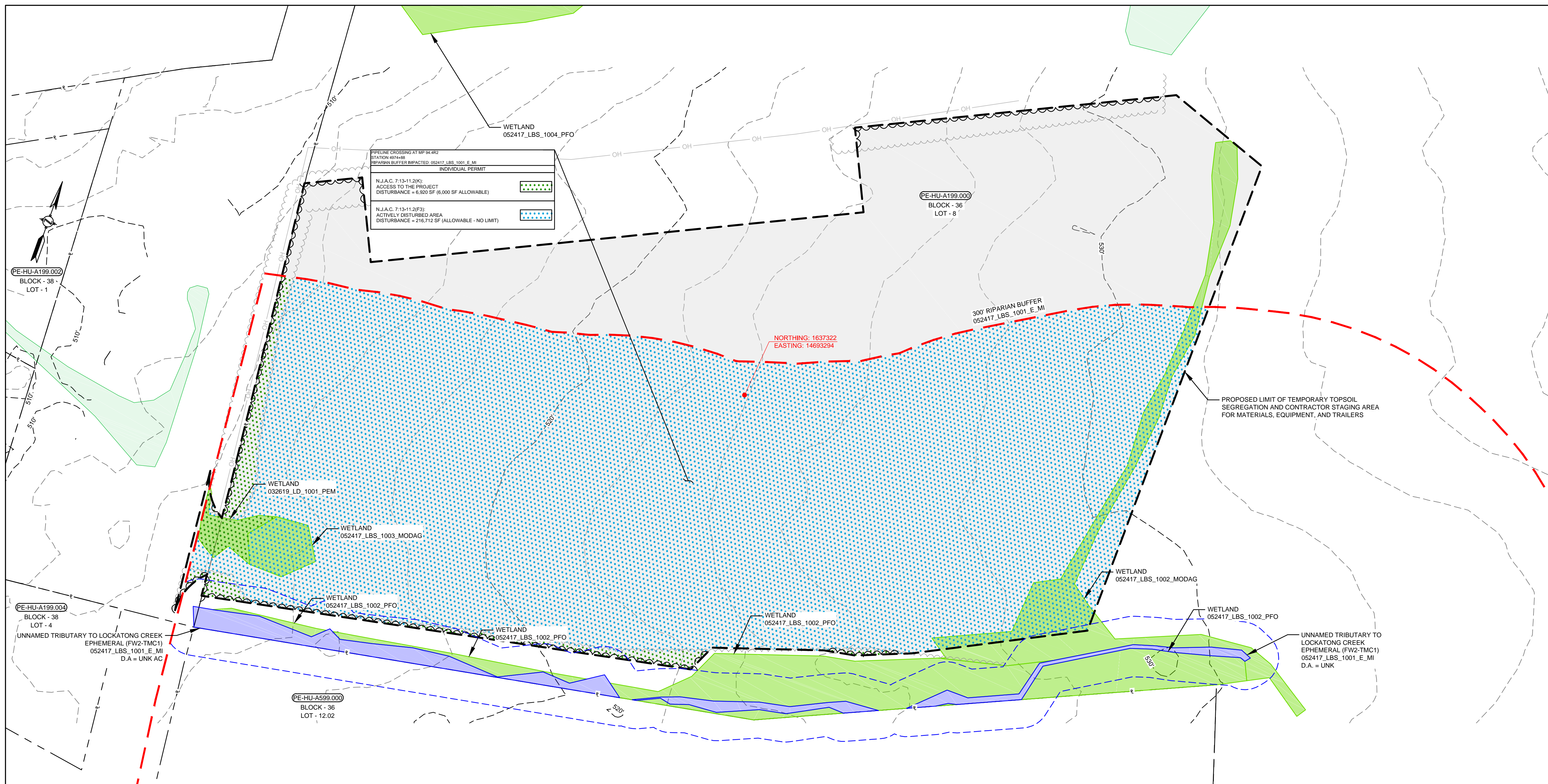


KINGWOOD TOWNSHIP
HUNTERDON COUNTY, NEW JERSEY



- LEGEND**
- PROPOSED PIPELINE
 - LIMITS OF DISTURBANCE
 - PROPOSED PERMANENT EASEMENT
 - OPERATIONAL CORRIDOR
 - PROPOSED TREE LINE
 - EXISTING TREE LINE
 - WETLAND (SURVEYED)
 - WETLAND (PUBLIC)
 - WATERBODY (SURVEYED)
 - WATERBODY (PUBLIC)
 - ACTIVELY DISTURBED AREA (RIPARIAN IMPACT)
 - TEMPORARY ACCESS TO PROJECT DISTURBANCE (RIPARIAN IMPACT)
 - NEW UTILITY LINE DISTURBANCE (RIPARIAN IMPACT)
 - RIPARIAN BUFFER
 - 25' BUFFER FROM STREAM TOP OF BANK
 - STREAM CENTERLINE (SURVEYED)
 - STREAM CENTERLINE (PUBLIC)
 - LIMITS OF WETLAND DELINEATION
 - PROPERTY LINE
 - PARCEL ID WITH BLOCK AND LOT NUMBER
 - EXISTING CULVERT
 - CPP CORRUGATED PLASTIC PIPE
 - CMP CORRUGATED METAL PIPE
 - HDPE HIGH DENSITY POLYETHYLENE PIPE
 - PVC POLYVINYL CHLORIDE PIPE
 - RCP REINFORCED CONCRETE PIPE
 - UNK UNKNOWN
 - EXISTING FOREIGN UTILITY EASEMENT
 - 1260' EXISTING MAJOR CONTOURS
 - EXISTING MINOR CONTOURS
 - EXISTING PIPELINE
 - EXISTING OVERHEAD LINE
 - EXISTING TREE
 - EXISTING FENCE
 - STATE OPEN WATER FLAG
 - PHOTO LOCATION (SEE REPORT)

I AM A DULY REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT THE EXISTING CONDITIONS SHOWN WERE FIELD LOCATED AND PREPARED UNDER MY DIRECT SUPERVISION.

THOMAS D. STRONG
PROFESSIONAL LAND SURVEYOR
N.J. LIC. NO. 24GS03676100

Thomas D. Strong 08/01/2019
SIGNATURE DATE

I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT THE PROPOSED ENVIRONMENTAL DISTURBANCES SHOWN ARE ACCURATE AND CORRESPOND WITH THE DETAILED ENGINEERING DRAWINGS.

MICHAEL J. DENICHILO
PROFESSIONAL ENGINEER
N.J. LIC. NO. 24GE05078700

Michael J. Denichilo 08/01/2019
SIGNATURE DATE

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 - PHOTO LOCATIONS PROVIDED BY AMY S. GREENE ENVIRONMENTAL CONSULTANTS.
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 - CIVIL SURVEY CONDUCTED AND DRAWINGS PREPARED BY MOTT MACDONALD.

REFERENCE DRAWINGS		REVISIONS	
DWG. NO.	TITLE	NO.	REVISIONS
000-03-04-006	*PIPE YARD DETAILS	0	ISSUED FOR NJDEP PERMIT

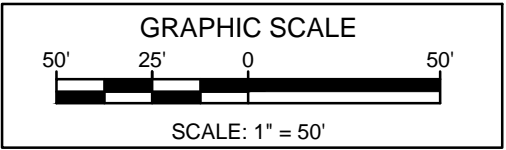
APPROVALS			
DRAWN BY	DATE		
RJP	7/2019		
CHECKED BY	DATE		
KEK	7/2019		
ENG. APPROVAL	DATE		
MJD	7/2019		
P.M. APPROVAL	DATE		
MW	7/2019		

APPROVALS	
DRAWN BY	DATE
RJP	7/2019
CHECKED BY	DATE
KEK	7/2019
ENG. APPROVAL	DATE
MJD	7/2019
P.M. APPROVAL	DATE
MW	7/2019

PREPARED FOR	
PREPARED BY	
111 WOOD AVENUE SOUTH, ISELIN, NJ 08830 CERTIFICATE NO. 24GA28016600	

PENNEAST PIPELINE PROJECT		
PENNEAST PIPELINE FLOOD HAZARD AREA PERMIT PLAN PIPE YARD PE-E-06		
SCALE	DRAWING NO.	REVISION
1" = 50'	PE-FHA-W-002.1	0

KINGWOOD TOWNSHIP
HUNTERDON COUNTY, NEW JERSEY



- LEGEND**
- PROPOSED PIPELINE
 - LIMITS OF DISTURBANCE
 - PROPOSED PERMANENT EASEMENT
 - OPERATIONAL CORRIDOR
 - PROPOSED TREE LINE
 - EXISTING TREE LINE
 - WETLAND (SURVEYED)
 - WETLAND (PUBLIC)
 - WATERBODY (SURVEYED)
 - WATERBODY (PUBLIC)
 - ACTIVELY DISTURBED AREA (RIPARIAN IMPACT)
 - TEMPORARY ACCESS TO PROJECT DISTURBANCE (RIPARIAN IMPACT)
 - NEW UTILITY LINE DISTURBANCE (RIPARIAN IMPACT)
 - RIPARIAN BUFFER
 - 25' BUFFER FROM STREAM TOP OF BANK
 - STREAM CENTERLINE (SURVEYED)
 - STREAM CENTERLINE (PUBLIC)
 - LIMITS OF WETLAND DELINEATION
 - PROPERTY LINE
 - PARCEL ID WITH BLOCK AND LOT NUMBER
(LB-HU-A001.000)
BLOCK - 1
LOT - 10.00
 - EXISTING CULVERT
 - CPP CORRUGATED PLASTIC PIPE
 - CMP CORRUGATED METAL PIPE
 - HDPE HIGH DENSITY POLYETHYLENE PIPE
 - PVC POLYVINYL CHLORIDE PIPE
 - RCP REINFORCED CONCRETE PIPE
 - UNK UNKNOWN
 - EXISTING FOREIGN UTILITY EASEMENT
 - 1260' EXISTING MAJOR CONTOURS
 - EXISTING MINOR CONTOURS
 - EXISTING PIPELINE
 - OH EXISTING OVERHEAD LINE
 - EXISTING TREE
 - EXISTING FENCE
 - SOW_FLAG_NO STATE OPEN WATER FLAG
 - PHOTO LOCATION (SEE REPORT)

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THOMAS D. STRONG
PROFESSIONAL LAND SURVEYOR
N.J. LIC. NO. 24G503676100

Thomas D. Strong 08/01/2019
SIGNATURE DATE

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N.J. LIC. NO. 24GE05078700

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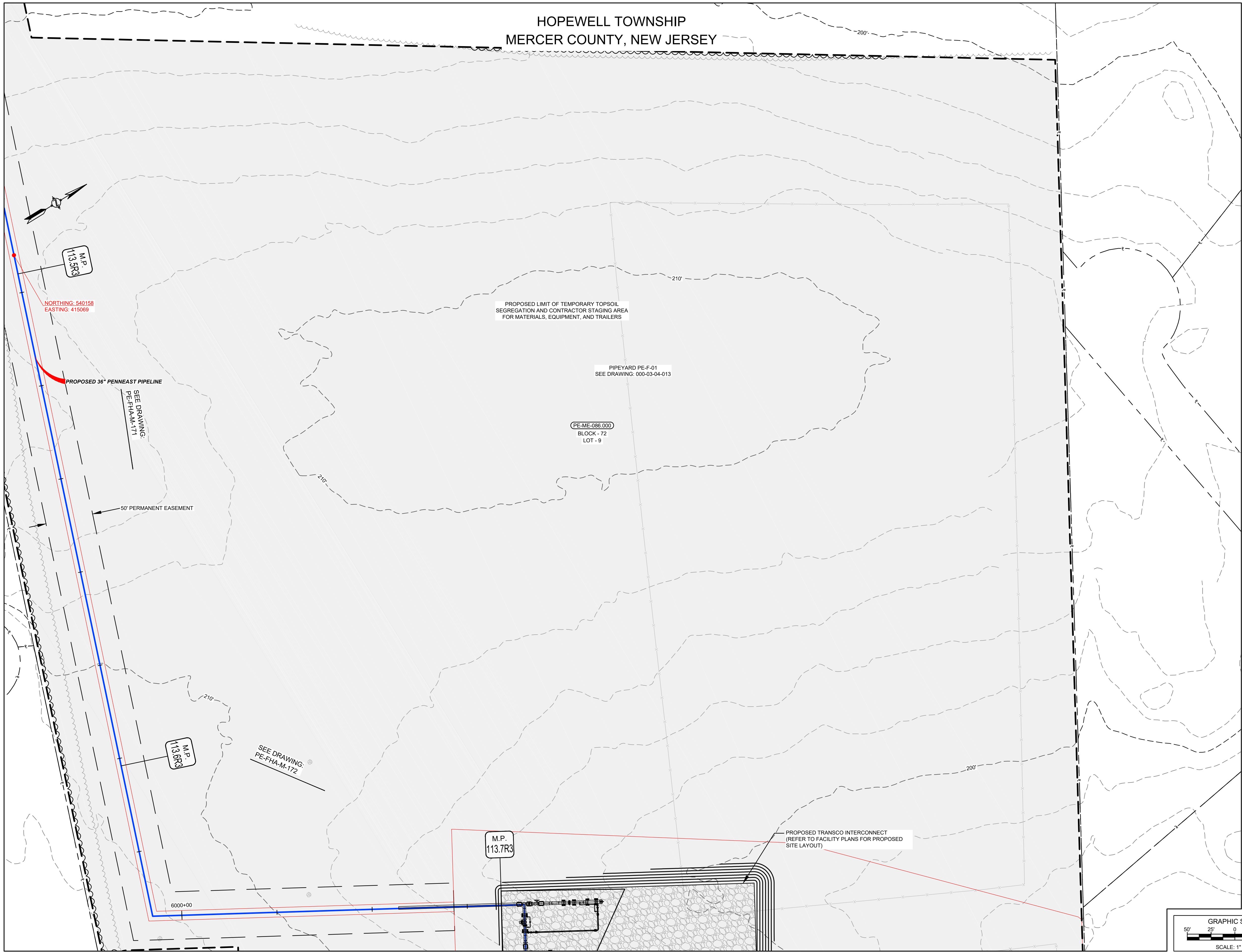
REFERENCE DRAWINGS		REVISIONS					APPROVALS		
DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE
000-03-04-006	*PIPE YARD DETAILS	0	ISSUED FOR NJDEP PERMIT	7/2019	RJP	KEK	MJD	RJP	7/2019
								CHECKED BY	DATE
								KEK	7/2019
								ENG. APPROVAL	DATE
								MJD	7/2019
								P.M. APPROVAL	DATE
								MW	7/2019

PREPARED FOR
PennEast
PIPELINE

PREPARED BY
MOTT MACDONALD
111 WOOD AVENUE SOUTH, ISELIN, NJ 08830
CERTIFICATE NO. 24GA28016600

PENNEAST PIPELINE PROJECT		
PENNEAST PIPELINE FLOOD HAZARD AREA PERMIT PLAN PIPE YARD PE-E-06		
SCALE	DRAWING NO.	REVISION
1" = 50'	PE-FHA-W-002.2	0

HOPEWELL TOWNSHIP
MERCER COUNTY, NEW JERSEY



LEGEND	
	PROPOSED PIPELINE
	LIMITS OF DISTURBANCE
	PROPOSED PERMANENT EASEMENT
	OPERATIONAL CORRIDOR
	PROPOSED TREE LINE
	EXISTING TREE LINE
	WETLAND (SURVEYED)
	WETLAND (PUBLIC)
	WATERBODY (SURVEYED)
	WATERBODY (PUBLIC)
	ACTIVELY DISTURBED AREA (RIPARIAN IMPACT)
	TEMPORARY ACCESS TO PROJECT DISTURBANCE (RIPARIAN IMPACT)
	NEW UTILITY LINE DISTURBANCE (RIPARIAN IMPACT)
	RIPARIAN BUFFER
	25' BUFFER FROM STREAM TOP OF BANK
	STREAM CENTERLINE (SURVEYED)
	STREAM CENTERLINE (PUBLIC)
	LIMITS OF WETLAND DELINEATION
	PROPERTY LINE
	PARCEL ID WITH BLOCK AND LOT NUMBER
	EXISTING CULVERT
	CPP CORRUGATED PLASTIC PIPE
	CMP CORRUGATED METAL PIPE
	HDPE HIGH DENSITY POLYETHYLENE PIPE
	PVC POLYVINYL CHLORIDE PIPE
	RCP REINFORCED CONCRETE PIPE
	UNK UNKNOWN
	EXISTING FOREIGN UTILITY EASEMENT
	1260' EXISTING MAJOR CONTOURS
	EXISTING MINOR CONTOURS
	EXISTING PIPELINE
	OH EXISTING OVERHEAD LINE
	EXISTING TREE
	EXISTING FENCE
	SOW_FLAG_NO STATE OPEN WATER FLAG
	PHOTO LOCATION (SEE REPORT)

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REFERENCE DRAWINGS	
DWG. NO.	TITLE
000-03-04-013	*PIPE YARD DETAILS

REVISIONS				
NO.	REVISIONS	DATE	DRAWN	CK
0	ISSUED FOR NJDEP PERMIT	7/2019	RJP	KEK

APPROVALS	
DRAWN BY	DATE
RJP	7/2019
CHECKED BY	DATE
KEK	7/2019
ENG. APPROVAL	DATE
MJD	7/2019
P.M. APPROVAL	DATE
MW	7/2019

CLIENT APPROVAL	
DATE	
7/2019	

PREPARED FOR

PREPARED BY

111 WOOD AVENUE SOUTH, ISELIN, NJ, 08830
CERTIFICATE NO. 24GA28016600

PENNEAST PIPELINE PROJECT		
PENNEAST PIPELINE FLOOD HAZARD AREA PERMIT PLAN PIPE YARD PE-F-01		
SCALE	DRAWING NO.	REVISION
1" = 50'	PE-FHA-W-003.1	0

HOPEWELL TOWNSHIP
MERCER COUNTY, NEW JERSEY



LEGEND

- PROPOSED PIPELINE
- LIMITS OF DISTURBANCE
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- PROPOSED TREE LINE
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REFERENCE DRAWINGS		NO.	
DWG. NO.	TITLE		
000-03-04-013	*PIPE YARD DETAILS	0	ISSUED FOR NJDEP PERMIT

REVISIONS				APPROVALS			
NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE
			RJP	KEK	MJD	RJP	7/2019
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						MJD	7/2019
						P.M. APPROVAL	DATE
						MW	7/2019

PREPARED FOR

PennEast
PIPELINE

PREPARED BY **M M**
MOTT MACDONALD
111 WOOD AVENUE SOUTH, ISELIN, NJ, 08830
CERTIFICATE NO. 24GA28016600

PENNEAST PIPELINE PROJECT

**PENNEAST PIPELINE
FLOOD HAZARD AREA PERMIT PLAN
PIPE YARD PE-F-01**

SCALE	DRAWING NO.	REVISION
1" = 50'	PE-FHA-W-003.2	0